

# 2005 Engineering Conference Breakout Sessions For Period 4 (Tuesday, November 15, 2005, 10:00-10:50 A.M.)

## **3. Incorporating ITS into Projects**

**Track:** Traffic & Safety and ITS/TOC

**Presenters:** Brad Cameron, Mark Parry, Deryl Mayhew

**Synopsis:** Walk through the life of a project from the ITS perspective. Experience the excitement and the challenges of incorporating ITS elements into traditional projects. Learn how to streamline these elements and minimize potential obstacles through real-life examples of design and construction experience. Discover the resources available to assist in design and construction of these specialized components.

## **13. Stream Channel Permitting-Navigating Murky Waters**

**Track:** Environmental

**Presenters:** Jerry Chaney, Terry Johnson

**Synopsis:** Learn when and why permits are needed, how to obtain them, and other tips when working with streams.

## **19. Bentley Training, InRoads 8.7: Assembling Templates**

**Track:** Roadway Design

**Presenters:** Dan Ahern (Bentley)

**Synopsis:** Bentley InRoads 8.7: Assembling Templates provides users with a fundamental understanding of template concepts, end components, constraints and assembly. This remote lecture focuses on the decision process used to select existing components and end conditions to create and edit a desired typical section (template). Constraint methods will also be discussed, as well as the different ways in which components can be used within a template.

## **30. Rapid Bridge Replacement Scanning Tour Reports**

**Track:** Research, Structures, Hydraulics, ROW

**Presenters:** Allen Gerber, Boyd Wheeler, Mike Miles, Rob Wight, Carmen Larrea, Daniel Hsiao

**Synopsis:** From 9/26/2005 to 9/29/2005, Project Development has invited Utah bridge contractors, UDOT bridge engineers, UDOT construction engineers, and UDOT region project managers to visit with NYSDOT engineers and New York local contractors. Our goal was to have NYSDOT engineers and NY contractors sharing their experiences about rapid bridge replacement with the UDOT scanning tour members. We will report on what we have learned.

## **38. Materials Certification of Compliance Program**

**Track:** Materials

**Presenter:** Troy Peterson

**Synopsis:** Presentation will address the requirements of UDOT's Manufacturer's Certification of Compliance Program as it stands now, the direction and timeframe of the next generation of the program, and how to deal with specific situations in the interim. The discussion will be tailored to those who work in the field directly with the materials that require Certification. **Required for UDOT Construction and Materials, and Consultant field personnel**

## **50. What if? In Construction**

**Track:** Construction

**Presenters:** Todd Emery and Joe Gregory (FHWA)

**Synopsis:** "What IF". . . A look into the thought and decision making process of the Federal Highway Administration (FHWA) in regard to the "What IF's" of Contract Administration, Construction, and Materials issues, including Pre-Award and Post-Award Procedures.

## **61. Spotlight on Region 2**

**Track:** Spotlights

**Presenters:** Lisa Wilson, Jesse Anderson, Burt Compton, Carter Burgess, Joe Kammerer, John Montoya

**Synopsis:**

Continuous Flow Intersection (CFI) 3500 South and Bangerter Highway: The presenters will cover: description, operation, brief history and background of continuous flow intersections; issues related to maintenance and construction of this type of intersection; particular challenges related to pedestrian usage on CFI; Methods to train drivers how to use the intersection; and site specific design for the 3500 South and Bangerter intersection.

Construction Manager General Contractor (CMGC)/Construction Manager At Risk (CMAR): CMGC/CMAR is a new contract delivery method available to UDOT. John and Joe will describe this method and discuss its use on two projects in Region II. Redwood Road 2100 South to 3500 South and 11400 South I-15 Interchange.

**69. What do Utahns think of UDOT?**

**Track:** Public Involvement

**Presenter:** David L. Smith, APR (PPBH)

**Synopsis:** This session will provide project managers and engineers with a real-world view of what the public thinks about UDOT. Information will be pulled from numerous phone surveys, focus groups and “man on the street” interviews conducted in the last two years for UDOT projects.